

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of the Claims:**

1-53. (Canceled)

54. (Amended) An isolated, bloodless, perfused placenta that comprises engrafted with a cell which is neither fetal nor maternal in origin.

55-59. (Canceled)

60. (Previously presented) The isolated mammalian placenta of claim ~~[[1]]~~ 54 which has been perfused or incubated for more than 48 hours.

61. (New) The isolated placenta of claim 54 which has been perfused or incubated for at least about 24 hours.

62. (New) The isolated placenta of claim 54 wherein the solution used to perfuse the placenta contains an anticoagulant solution.

63. (New) The isolated placenta of claim 54 wherein the solution used to perfuse the placenta contains an antimicrobial agent.

64. (New) The isolated placenta of claim 54 wherein the solution used to perfuse the placenta contains growth factors.

65. (New) The isolated placenta of claim 54, wherein the solution used to perfuse said placenta consists essentially of 0.9N saline.

66. (New) The isolated placenta of claim 54, wherein said cell is a stem cell.

67. (New) The placenta of claim 66, wherein said stem cell is an OCT-4<sup>+</sup>, ABC-p<sup>+</sup> stem cell.

68. (New) The isolated placenta of claim 54, wherein said cell is a mammalian cell.